

1. (previously presented) A flexographic printing press for printing a web with a solvent based or water based ink comprising:

a central impression cylinder having an outside surface adapted to support a web during printing,

an unwind apparatus adapted to unwind a web to be printed on the central impression cylinder,

means for guiding a web between the unwind apparatus and the central impression cylinder and providing an upstream entry point to the central impression cylinder,

a rewind apparatus adapted to rewind a printed web,

means for guiding a web between the central impression cylinder and the rewind apparatus and providing a downstream exit point from the central impression cylinder, the unwind apparatus, central impression cylinder, and rewind apparatus defining a path of web travel from an upstream direction to a downstream direction,

a plurality of printing decks positioned around the outside surface of the central impression cylinder, including an upstream printing deck adjacent said upstream entry point and a downstream printing deck adjacent said downstream exit point,

each of the printing decks including a plate cylinder for applying solvent based or water based ink to a web on the central impression cylinder,

at least one between color dryer positioned between each

pair of adjacent printing decks, and

a downstream dryer positioned between the downstream printing deck and the downstream exit point for drying a web on the central impression cylinder before the downstream exit point, no dryer being located between said exit point from the central impression cylinder and said rewind apparatus.

2. (Cancelled)

3. (previously presented) The press of claim 1 in which said means for guiding a web between the central impression cylinder and the rewind apparatus includes an air turning bar.

4. (previously presented) The press of claim 3 in which said air turning bar is adjacent said exit point from the central impression cylinder.

5. (previously presented) The press of claim 1 in which said downstream dryer includes a plurality of nozzle plenums, a plurality of heat sources, and separate control means for each of the heat sources.

6. (previously presented) The press of claim 1 including a second downstream dryer positioned between the downstream printing deck and the downstream exit point for drying a web on the central impression cylinder before the downstream exit point.

7. (previously presented) The press of claim 6 in which each of said downstream dryers includes a plurality of nozzles, a plurality of heat sources, and separate control means for controlling each of the heat sources.

8. (previously presented) The press of claim 1 in which the downstream dryer includes a nozzle plenum for directing air against a web supported by the central impression cylinder and means for supplying unheated air to the nozzle plenum whereby cold air is directed by the nozzle plenum against the web.

9. (previously presented) The press of claim 1 in which each of the between color dryers and the downstream dryer includes a heat source for heating air which is directed by the dryer to a web which is supported by the central impression cylinder.

10. (previously presented) The press of claim 9 including a second downstream dryer positioned between the downstream printing deck and the downstream exit point for drying a web on the central impression cylinder before the downstream exit point, the downstream dryer including a nozzle plenum for directing air against a web supported by the central impression cylinder and means for supplying unheated air to the nozzle plenum whereby cold air is directed by the nozzle plenum against the web.

11. (previously presented) The press of claim 1 in which the press includes a top and a bottom and the upstream entry point to the central impression cylinder is adjacent the bottom of the press and the downstream exit point from the central impression cylinder is adjacent the bottom of the press.

12. (currently amended) The press of claim 11 including a nip roll mounted adjacent the upstream ~~exit~~ entry

point to the central impression cylinder and a roll mounted adjacent the downstream exit point from the central impression cylinder.